Electronic Acknowledgement Receipt				
EFS ID:	3150207			
Application Number:	10528052			
International Application Number:				
Confirmation Number:	6379			
Title of Invention:	a memory device including resistance-changing function body			
First Named Inventor/Applicant Name:	Nobutoshi Arai			
Customer Number:	2292			
Filer:	Terrell Colhoun Birch/Rainie Carter			
Filer Authorized By:	Terrell Colhoun Birch			
Attorney Docket Number:	0020-5354PUS1			
Receipt Date:	14-APR-2008			
Filing Date:	01-NOV-2005			
Time Stamp:	17:31:23			
Application Type:	U.S. National Stage under 35 USC 371			

# Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$510
RAM confirmation Number	2830
Deposit Account	022448
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. 1.492 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

## File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)			
1		20080414Amendment.pdf	465451	yes	17			
			5622e796fac1ea29d7da141c7d75d240 e12c9846					
	Multipart Description/PDF files in .zip description							
	Document Description		Start	End				
	Miscellaneous Incoming Letter		1	1				
	Extension of Time		2	2				
	Amendment After Final		3	3				
	Claims		4	13				
	Applicant Arguments/Remarks Made in an Amendment		14	17				
Warnings:								
Information:								
2 Fee Worksheet (PTO-06)	fee-info.pdf	8344	no	2				
		222fed8e3e0db0b9e4e4adceb1e7691e 5ed1f66e						
Warnings:								
Information:								
Total Files Size (in bytes): 473795								

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.